

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

07/29/2011

Jaclyn Sexton
Assistant District Attorney, Norfolk County

Dear ADA Sexton,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]. Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Book # 51
Page # 82
Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours

8:00 – 11:00


2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department: Transit Police Department Police Reference No. 

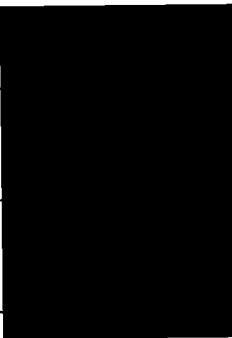
Name and Rank of Submitting Officer: Det Gloria Anderson-Ward

Defendant(s) Name (last, first, initial):



To be completed by Submitter
Description of Items Submitted

To be completed by Lab Personnel
Gross Weight Lab Number

(46) Clonidine tablets	19.40g	
(1) Clonazepam tablets	1.52g	
(5) Suboxone tablet	4.10g	

Received by: 

Date: 7-29-10

No. [REDACTED]

Date Analyzed: 10-25-10

City: MBTA Police Dept.

Officer: Sergeant GLORIA ANDREWS-WARD

Def: [REDACTED]

Amount: 46.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 07/29/2010

No. Analyzed:

Gross Wt.: 19.40

Net Weight:

Tests: 1 ATL
ASO

Prelim: E

Findings: Clonidine

No. [REDACTED] Date Analyzed: 11-8-10
City: MBTA Police Dept.
Officer: Sergeant GLORIA ANDREWS-WARD
Def: [REDACTED]
Amount: 1.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 07/29/2010 No. Analyzed:
Gross Wt.: 1.52 Net Weight:
Tests: 1 AD
DDJR
Prelim: clonazepam Findings: Clonazepam

No. [REDACTED] Date Analyzed: 11-8-10
City: MBTA Police Dept.
Officer: Sergeant GLORIA ANDREWS-WARD
Def: [REDACTED]
Amount: 0.5 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 07/29/2010 No. Analyzed:
Gross Wt.: 4.00 Net Weight: 0.19
Tests: 6 AD
DDJR
Prelim: Buprenorphine Findings: Buprenorphine

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY MBTA ANALYST ADD

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

46 white round tablet
in pb

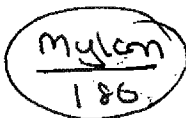
pc label clonidine

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 5.6385



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Monomer A + B

PRELIMINARY TEST RESULTS

RESULTS clonidine

DATE 10-23-10

GC/MS CONFIRMATORY TEST

RESULTS

MS
OPERATOR

DATE

Drug Information

DRUG NAME: CLONIDINE HYDROCHLORIDE

INGREDIENTS: CLONIDINE HYDROCHLORIDE -- 0.2 MG

Color: White

Shape: Circle

Imprint: MYLAN 186

Form: Oral Tablet

Available-Container-Size: Strip of 90 , Strip of 30 , Strip of 25 , Bottle of 1000 , Bottle of 100 , Strip of 1 , Package of 30 , Strip of 300 , Strip of 100

AAPCC Code: 201081 - Clonidine

NDC: 51079-0301-62

51079-0300-66

51079-0300-19

00378-0186-10

00378-0186-01

51079-0300-17

51079-0300-01

51079-0300-63

51079-0300-56

51079-0300-20

Excipients: Silicon Dioxide, Colloidal ; Croscarmellose Sodium (Type A) ; Magnesium Stearate ; Cellulose, Microcrystalline ; Sodium Lauryl Sulfate ; Ammonium Chloride

Regulatory Status: RX

Availability: United States

Product ID 5150141

Contact: Mylan Pharmaceuticals

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Drug Information

DRUG NAME: CLONIDINE HYDROCHLORIDE

INGREDIENTS: CLONIDINE HYDROCHLORIDE -- 0.2 MG

Color: White

Shape: Circle

Imprint: MP 658

Form: Oral Tablet

Available-Container-Size: Bottle of 100 , Bottle of 1000

AAPCC Code: 201081 - Clonidine

NDC: 53489-216-01
53489-216-10

Excipients: Cellulose,
Microcrystalline ; Starch,
Pregelatinized ; Sodium Starch
Glycolate ; Lactose ; Magnesium
Stearate

Regulatory Status: RX

Availability: United States

Product ID 6714954

Contact: Mutual Pharmaceutical

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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY MBTA ANALYST ADD

No. of samples tested:

Evidence Wt. /

PHYSICAL DESCRIPTION:

1 white round tablet
m.p.b



Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 0.1691

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Monomer ALD

PRELIMINARY TEST RESULTS

RESULTS Clonazepam

DATE 10-25-10

GC/MS CONFIRMATORY TEST

RESULTS Clonazepam

MS
OPERATOR BSR

DATE 11-8-10

Drug Information

DRUG NAME: CLONAZEPAM

INGREDIENTS: CLONAZEPAM -- 2 MG

Color: White

Shape: Circle

Imprint: E 65 The tablet is imprinted with E over 65 on one side and bisected on the other.

Form: Oral Tablet

Available-Container-Size: Strip of 100

AAPCC Code: 007000 -
Benzodiazepines

NDC: 00904-6103-61

UPC: 09046-10361

Excipients: Starch, Corn ; Magnesium Stearate ; Cellulose, Microcrystalline ; Lactose (Anhydrous)

Regulatory Status: Schedule IV

Availability: United States

Product ID 7077864

Contact: Major Pharmaceutical

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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY MORA ANALYST ASJ

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

0.5 orange brown tablet
17-pb

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 0.1903

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-) -

Marquis purple

Froehde's purple

Mecke's -

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

GC+

PRELIMINARY TEST RESULTS

RESULTS Buprenorphine

DATE 10-25-10

GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine

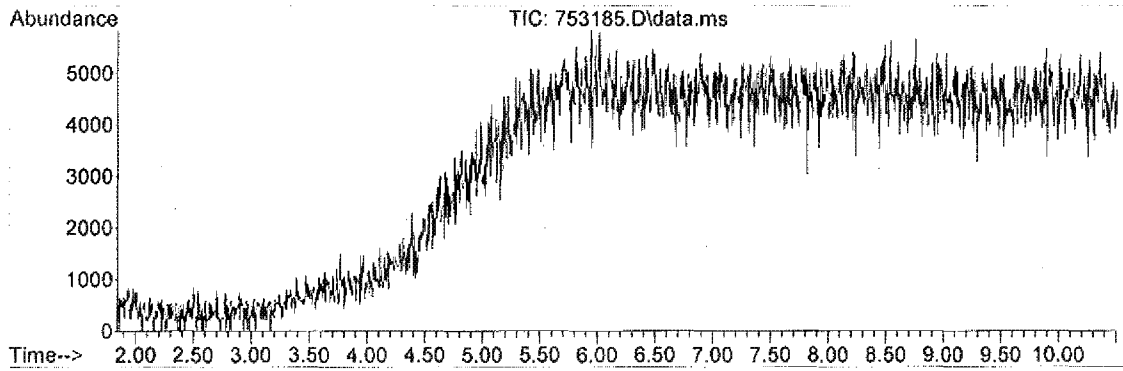
MS
OPERATOR ASJ

DATE 11-8-10

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753185.D
Operator : DJR
Date Acquired : 6 Nov 2010 3:49
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: CLONAZ
Integrator : RTE

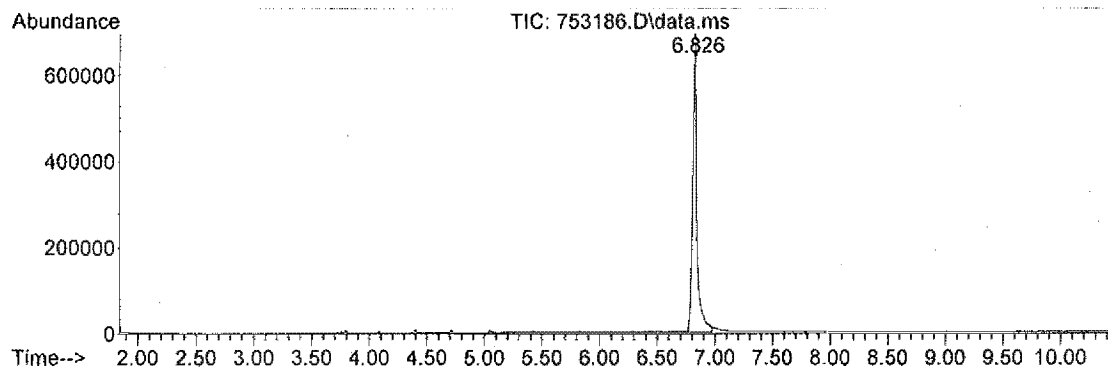


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753186.D
Operator : DJR
Date Acquired : 6 Nov 2010 4:03
Sample Name : CLONAZEPAM STD
Submitted by :
Vial Number : 86
AcquisitionMeth: CLONAZ
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.826	1746368	100.00	100.00

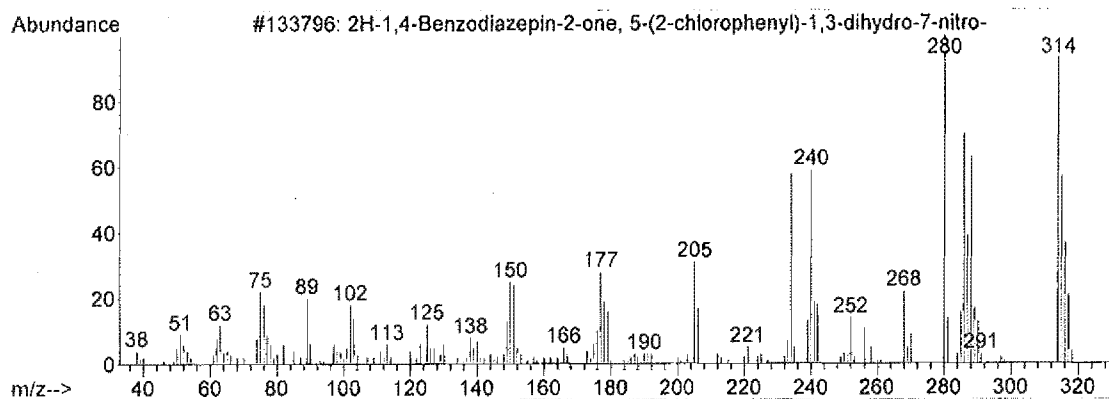
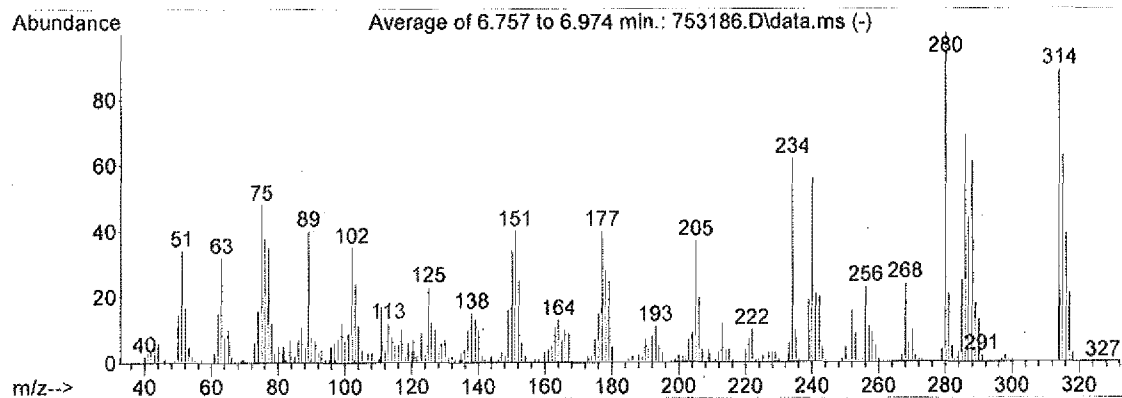
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753186.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 4:03
 Sample Name : CLONAZEPAM STD
 Submitted by :
 Vial Number : 86
 AcquisitionMeth: CLONAZ
 Integrator : RTE

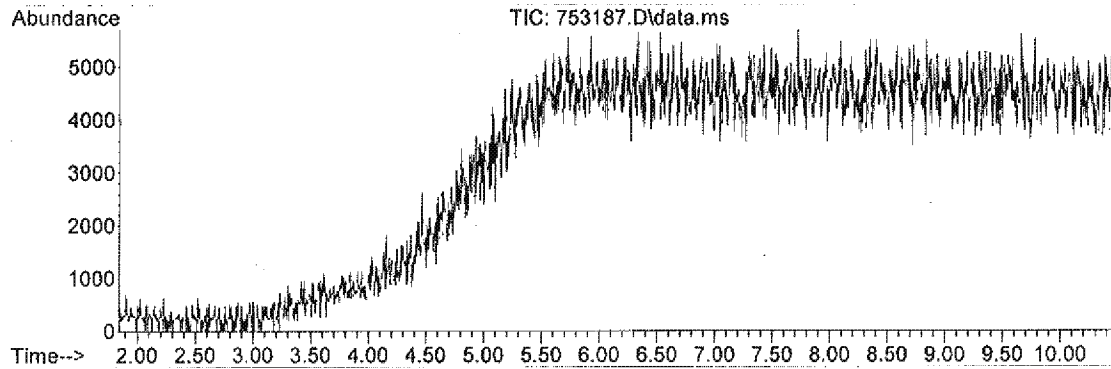
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.83	C:\Database\NIST05a.L		
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99



Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753187.D
Operator : DJR
Date Acquired : 6 Nov 2010 4:17
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: CLONAZ
Integrator : RTE



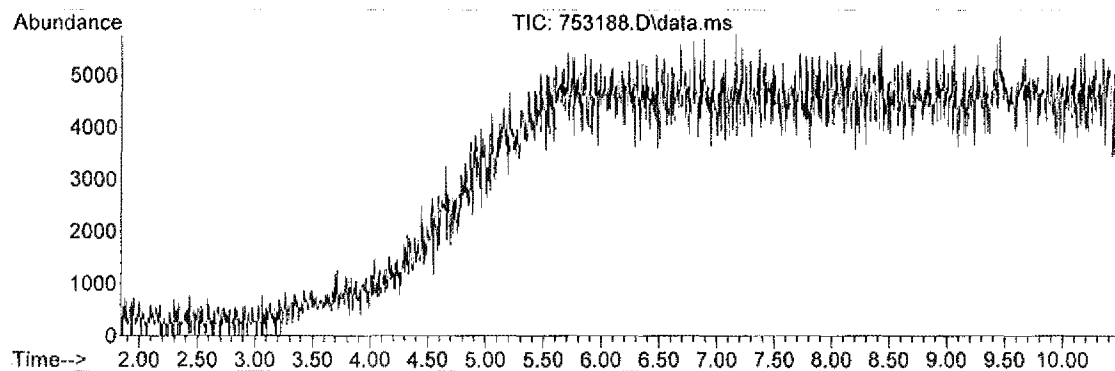
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753188.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 4:32
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 2
 AcquisitionMeth: CLONAZ
 Integrator : RTE

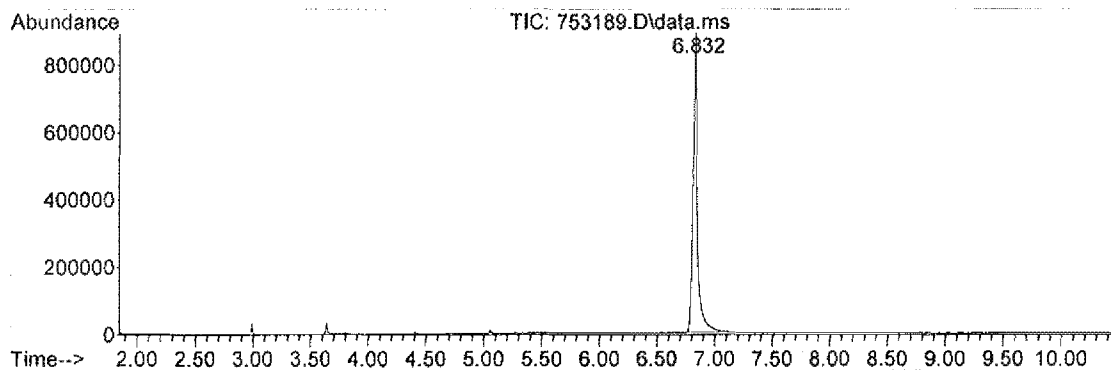


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753189.D
Operator : DJR
Date Acquired : 6 Nov 2010 4:46
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 89
AcquisitionMeth: CLONAZ
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.832	2382213	100.00	100.00

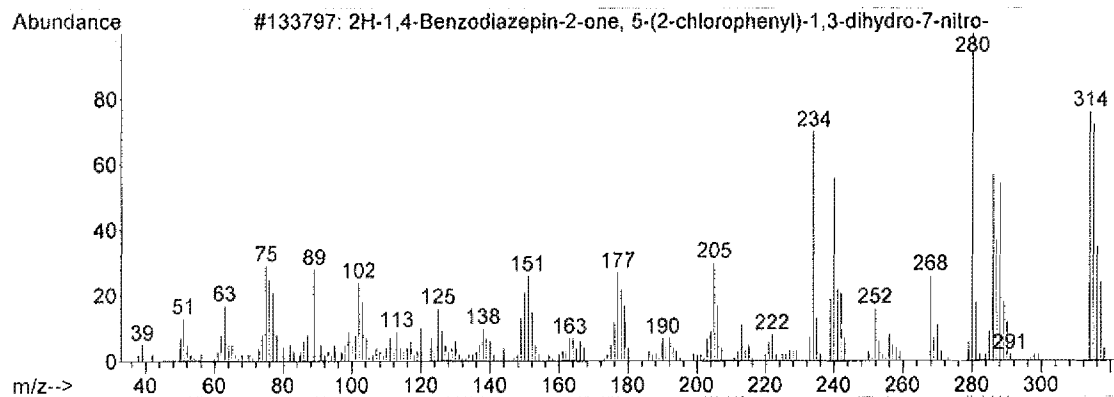
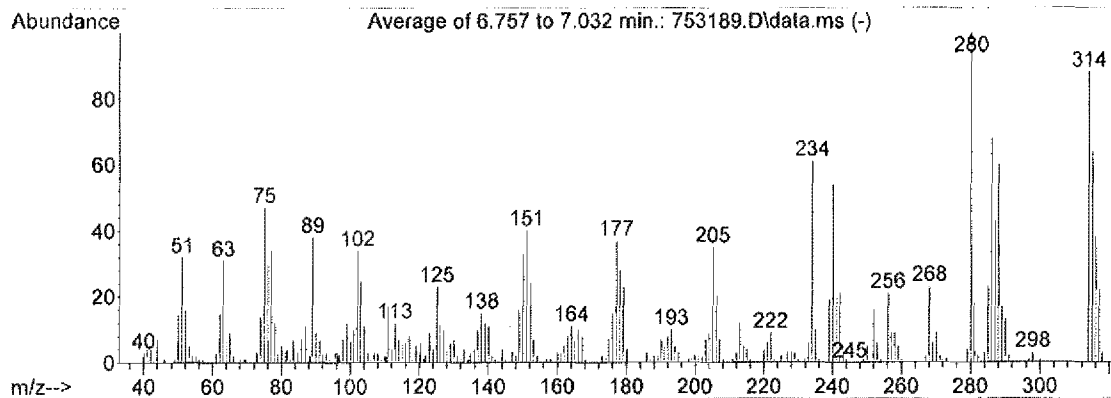
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753189.D
Operator : DJR
Date Acquired : 6 Nov 2010 4:46
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 89
AcquisitionMeth: CLONAZ
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

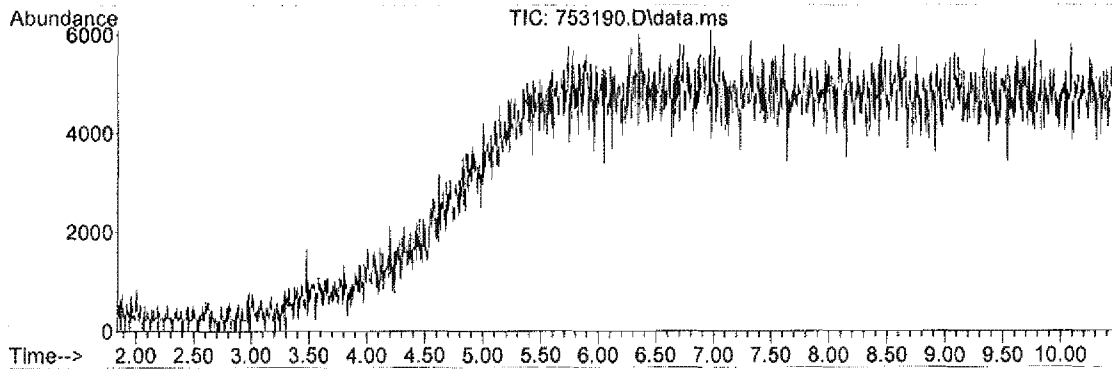
PK#	RT	Library/ID	CAS#	Qual
1	6.83	C:\Database\NIST05a.L		
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753190.D
Operator : DJR
Date Acquired : 6 Nov 2010 5:00
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: CLONAZ
Integrator : RTE

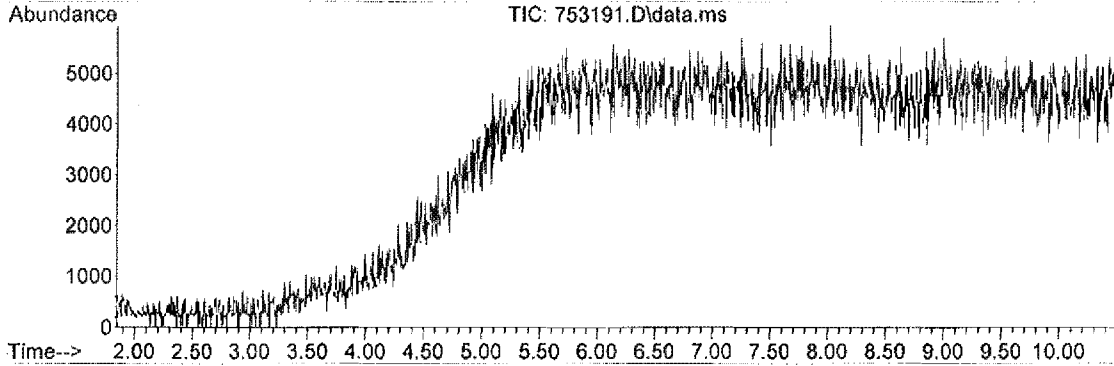


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753191.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 5:14
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: CLONAZ
 Integrator : RTE



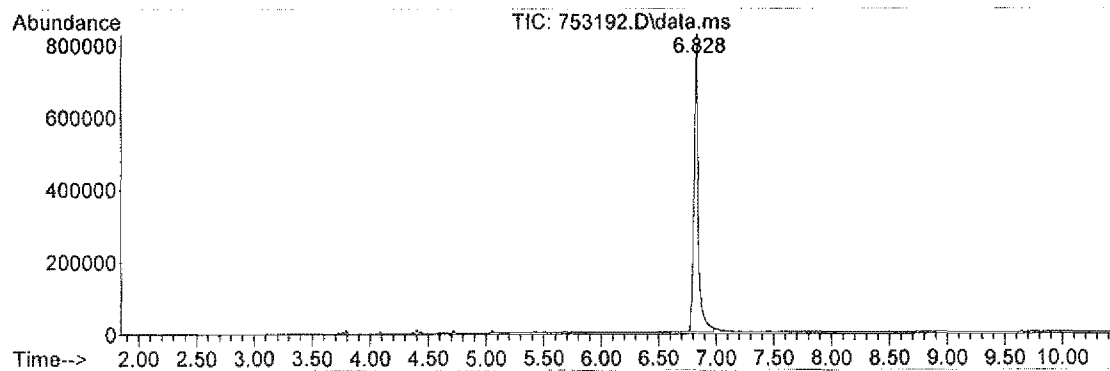
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753192.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 5:28
 Sample Name : CLONAZEPAM STD
 Submitted by :
 Vial Number : 86
 AcquisitionMeth: CLONAZ
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.828	2090039	100.00	100.00

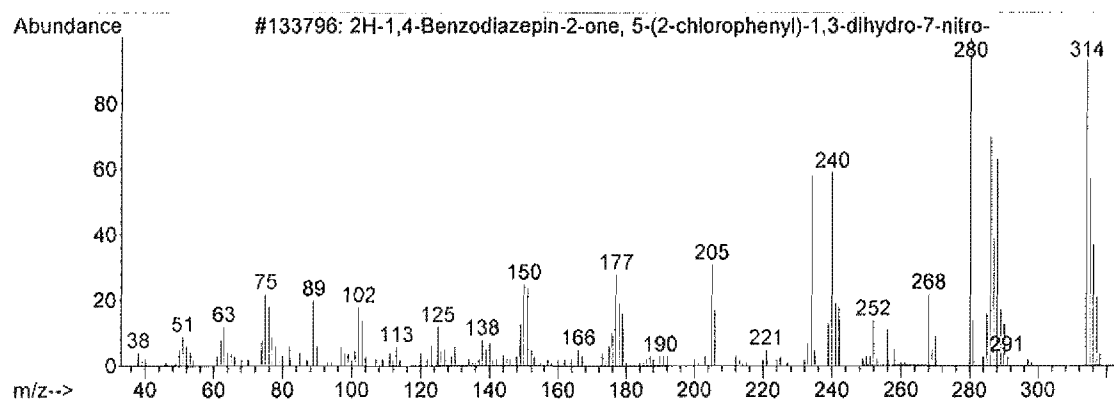
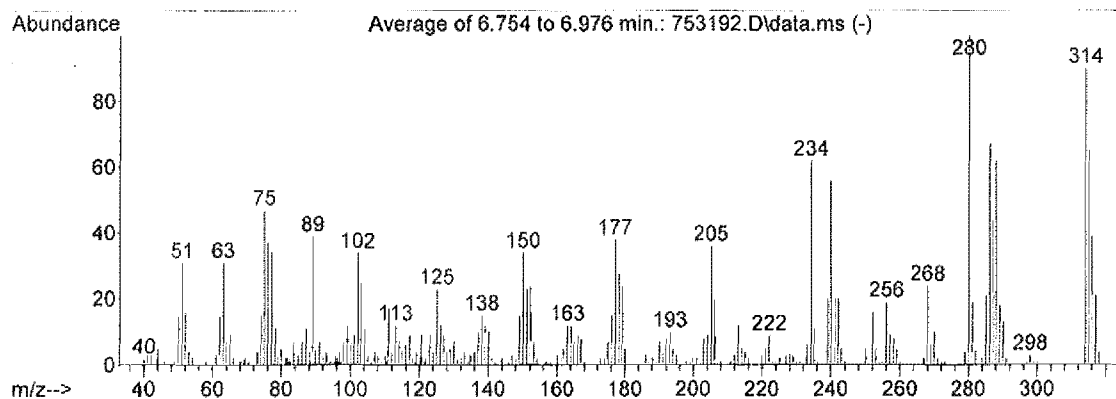
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753192.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 5:28
 Sample Name : CLONAZEPAM STD
 Submitted by :
 Vial Number : 86
 AcquisitionMeth: CLONAZ
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

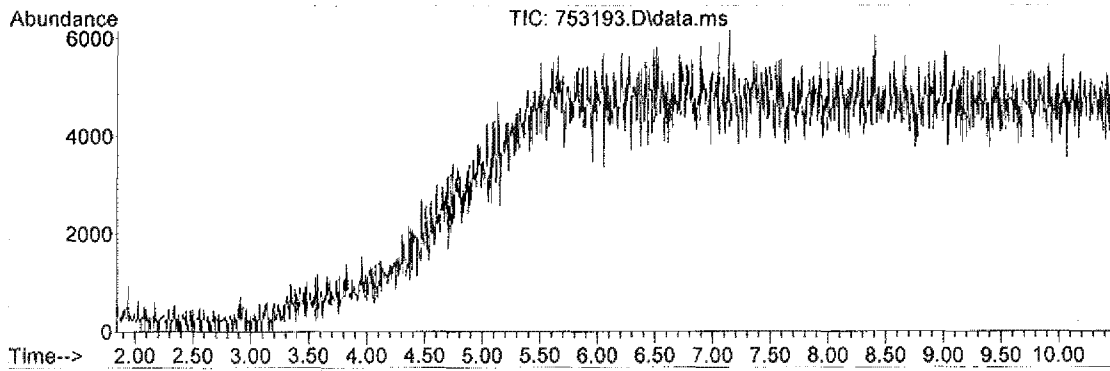
PK#	RT	Library/ID	CAS#	Qual
1	6.83	C:\Database\NIST05a.L		
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753193.D
Operator : DJR
Date Acquired : 6 Nov 2010 5:42
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: CLONAZ
Integrator : RTE

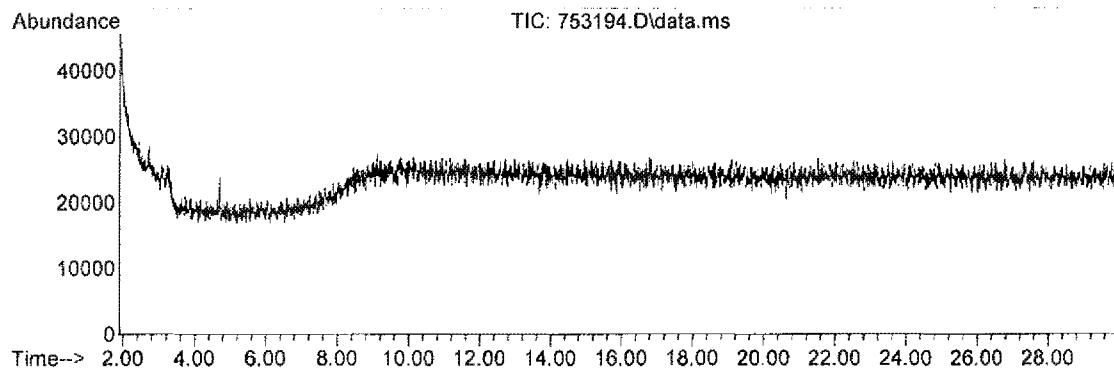


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753194.D
Operator : DJR
Date Acquired : 6 Nov 2010 5:57
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN
Integrator : RTE



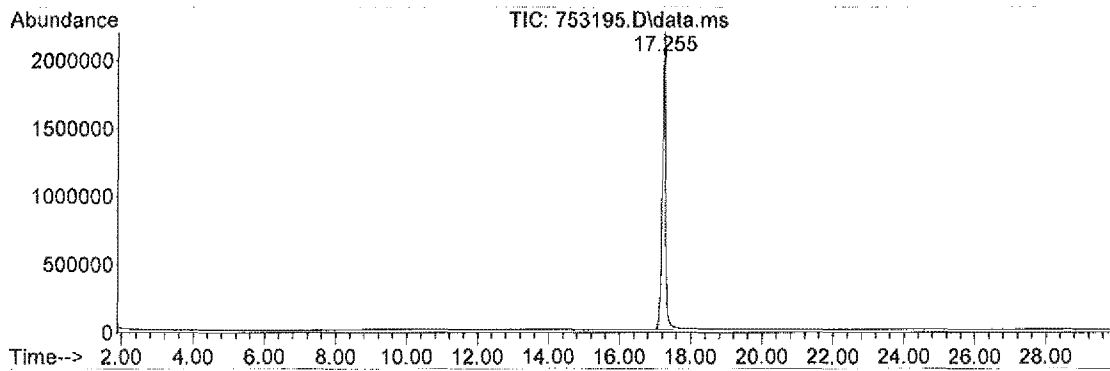
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753195.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 6:31
 Sample Name : BUPRENORPHINE STD
 Submitted by :
 Vial Number : 95
 AcquisitionMeth: WSCREEN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
17.255	13531079	100.00	100.00

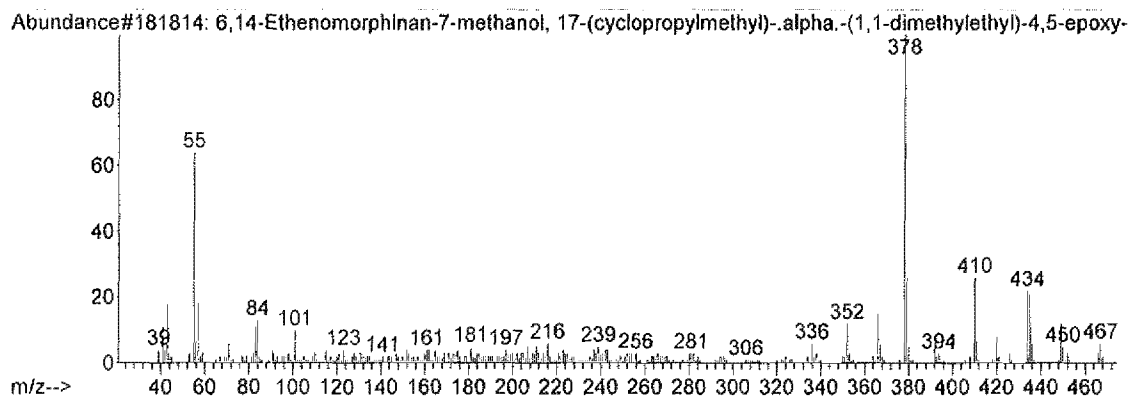
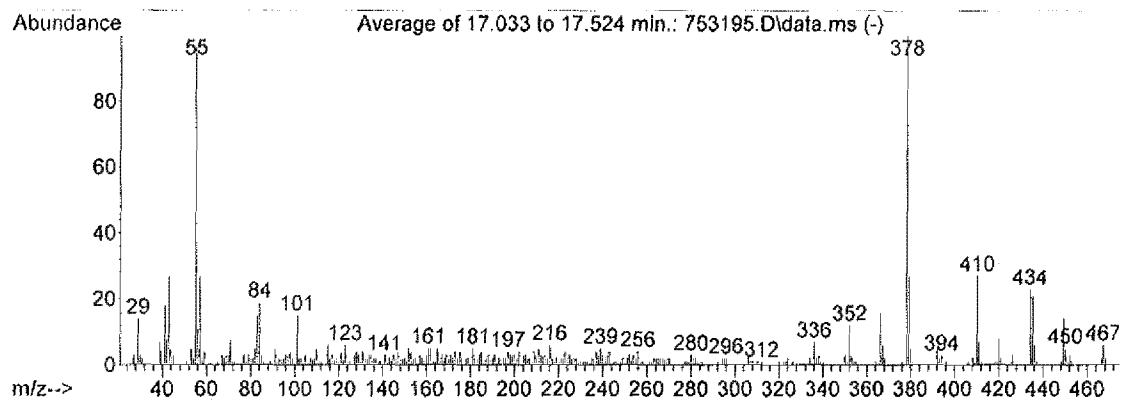
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753195.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 6:31
 Sample Name : BUPRENORPHINE STD
 Submitted by :
 Vial Number : 95
 AcquisitionMeth: WSCREEN
 Integrator : RTE

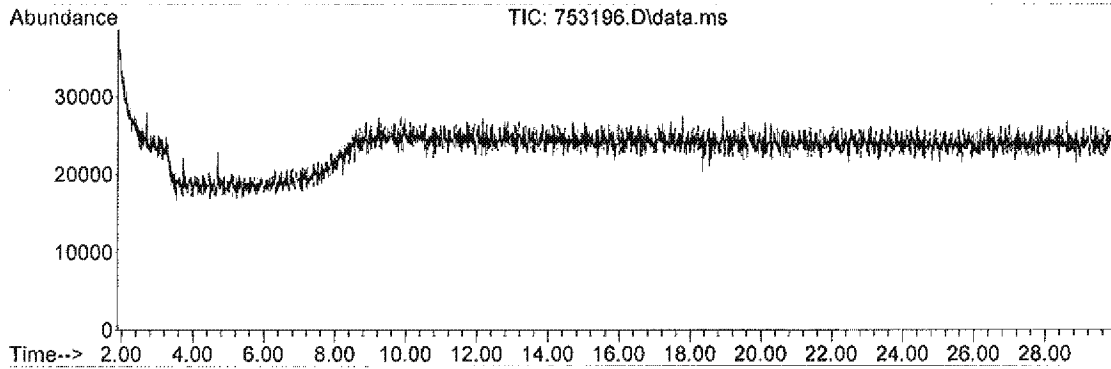
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	17.25	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	96
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	70



Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753196.D
Operator : DJR
Date Acquired : 6 Nov 2010 7:05
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN
Integrator : RTE



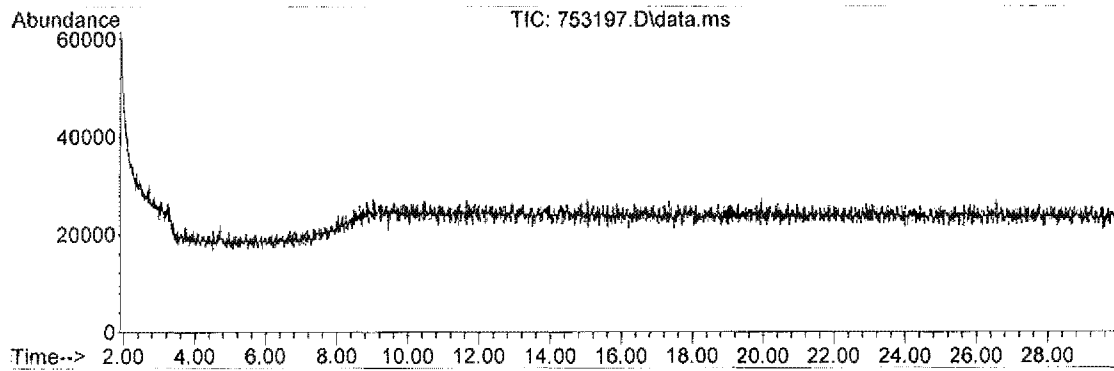
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753197.D
Operator : DJR
Date Acquired : 6 Nov 2010 7:39
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: WSCREEN
Integrator : RTE



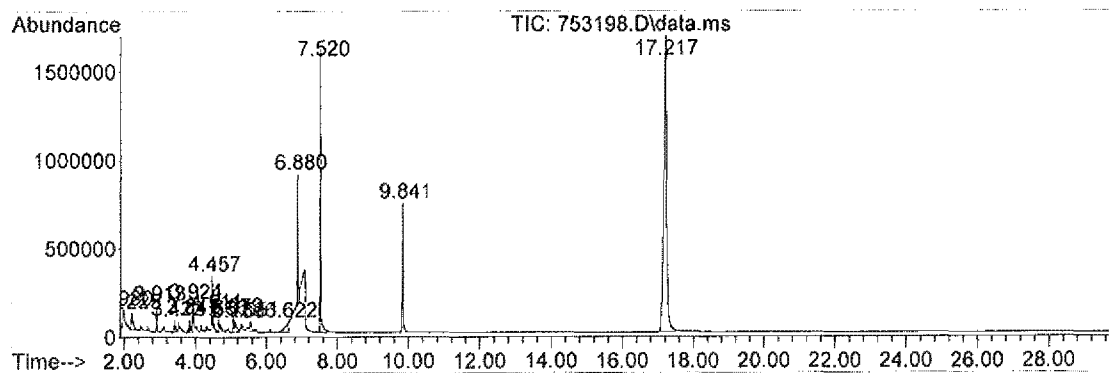
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753198.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
1.980	403648	2.38	4.18
2.225	343679	2.03	3.56
2.913	196210	1.16	2.03
3.422	168005	0.99	1.74
3.841	163852	0.97	1.70
3.924	321260	1.90	3.33
4.457	347433	2.05	3.60
4.511	203720	1.20	2.11
4.666	175974	1.04	1.82
5.079	205648	1.21	2.13
5.139	184933	1.09	1.92
5.551	167408	0.99	1.73
6.622	405209	2.39	4.20
6.880	909102	5.37	9.42
7.520	1829725	10.80	18.95
9.841	1253502	7.40	12.98
17.217	9655694	57.02	100.00

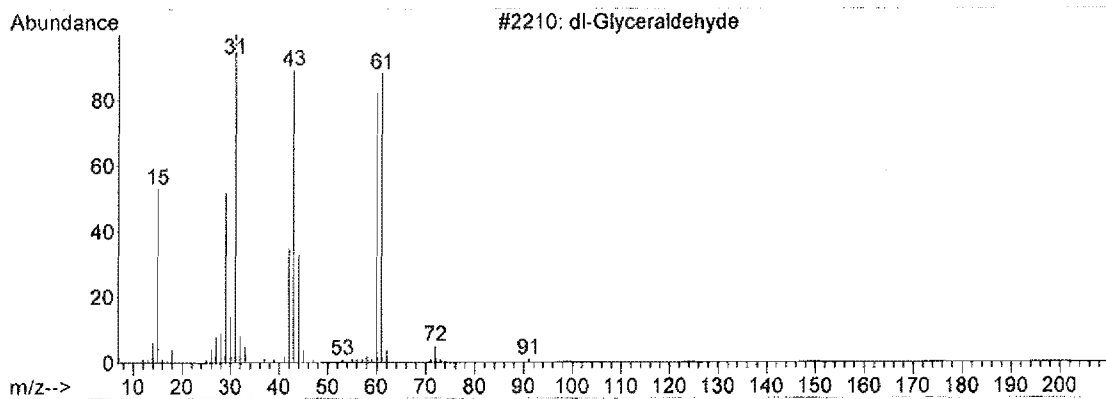
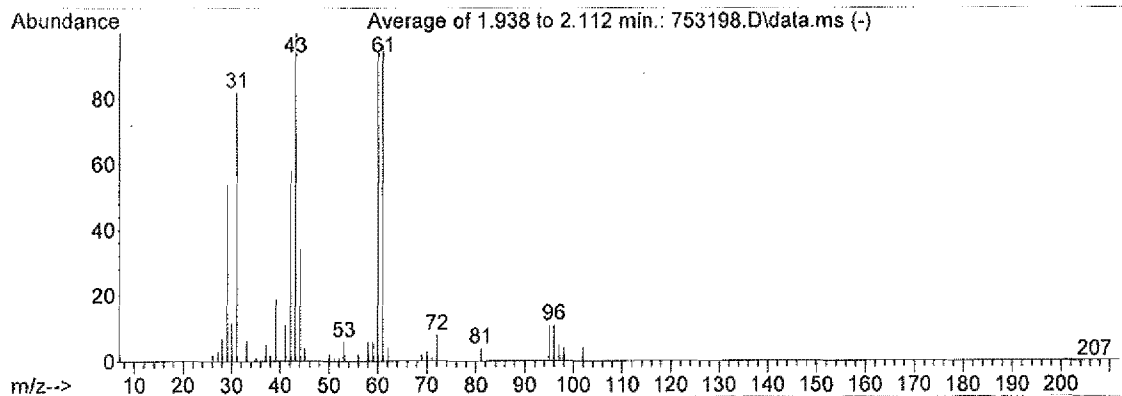
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753198.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.98	C:\Database\NIST05a.L		
		dl-Glyceraldehyde	000056-82-6	80
		Propanal, 2,3-dihydroxy-	000367-47-5	56
		Methanamine, N-hydroxy-N-methyl-	005725-96-2	38



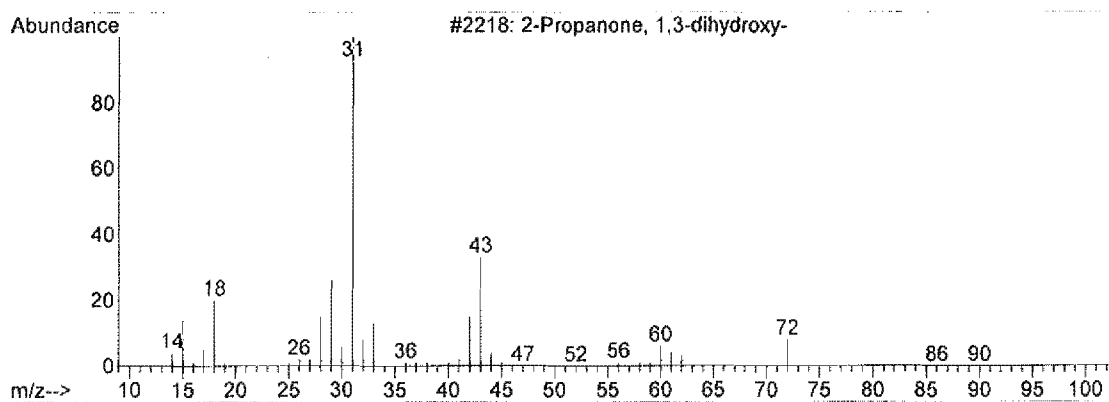
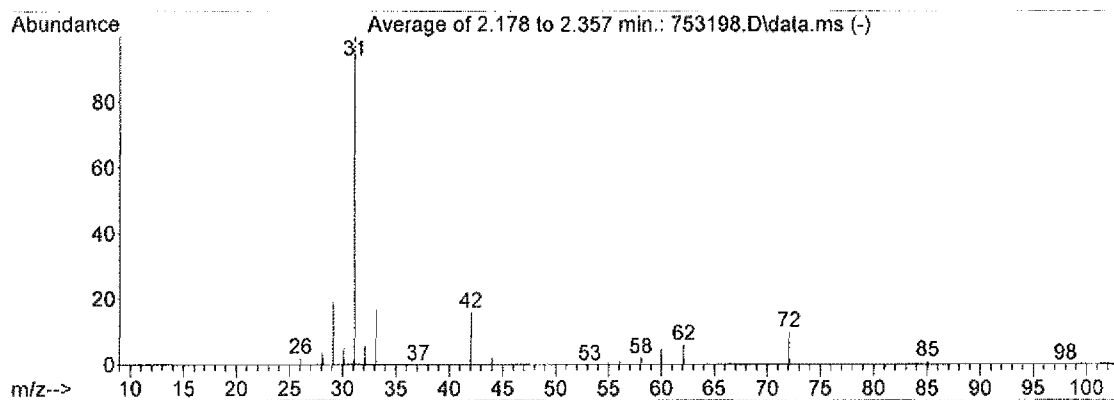
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753198.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.23	C:\Database\NIST05a.L		
		2-Propanone, 1,3-dihydroxy-	000096-26-4	83
		1,3-Dihydroxyacetone dimer	062147-49-3	83
		dl-Glyceraldehyde dimer	026793-98-6	39



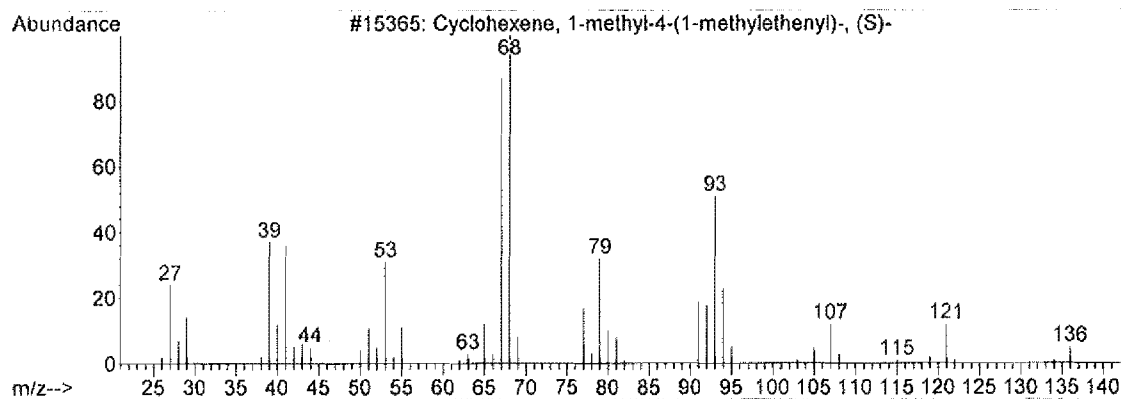
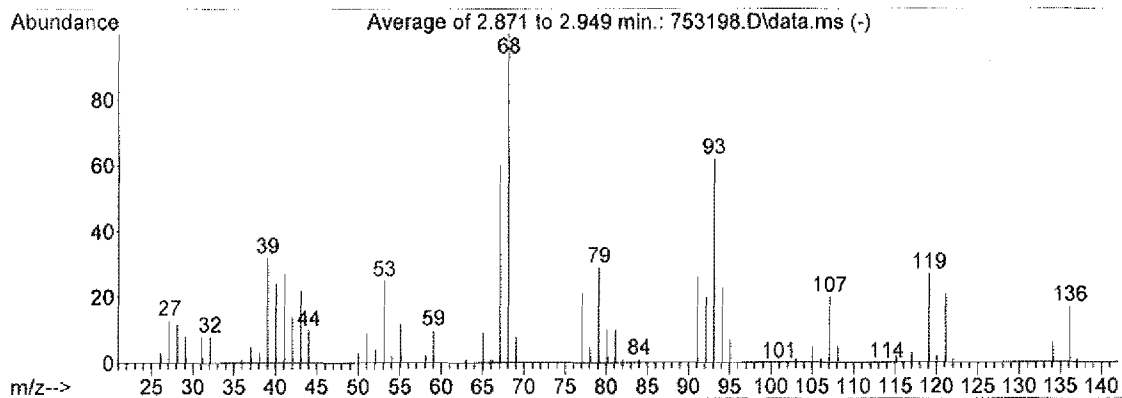
Area Percent / Library Search Report

Information from Data File:

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 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.91	C:\Database\NIST05a.L		
		Cyclohexene, 1-methyl-4-(1-methylet	005989-54-8	95
		D-Limonene	005989-27-5	94
		D-Limonene	005989-27-5	94



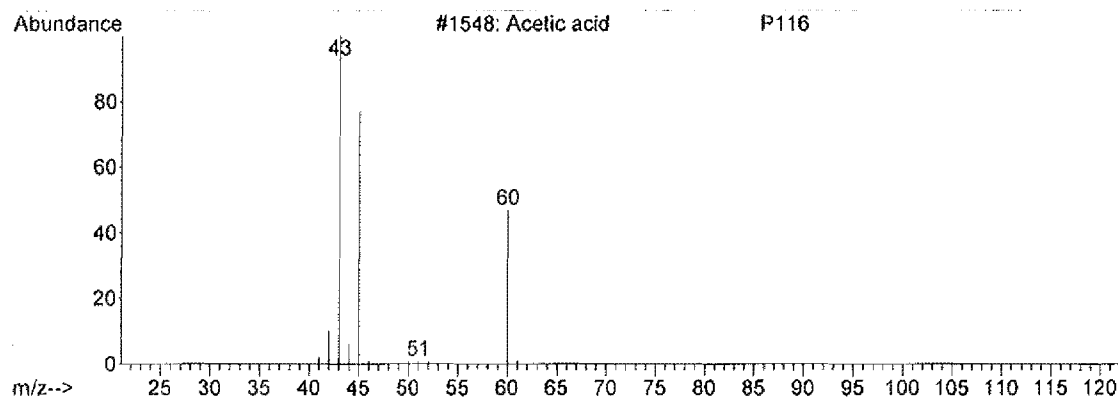
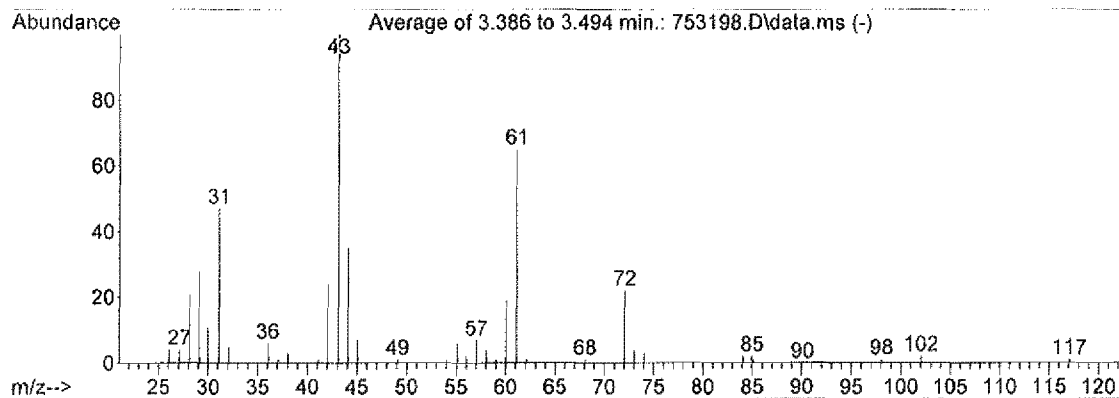
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.42	C:\Database\PMW_TOX2.L		
		Acetic acid	000064-19-7	2
		Acetic acid anhydride	000108-24-7	2
		Monolinuron	001746-81-2	1



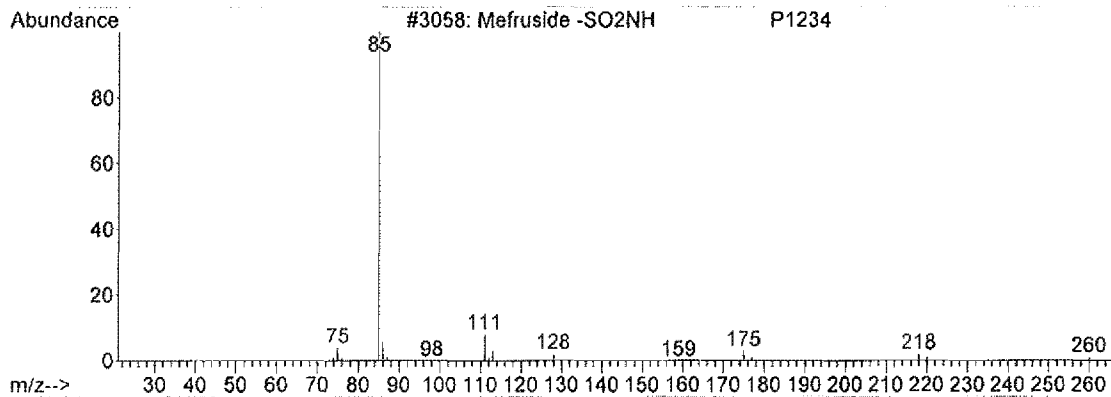
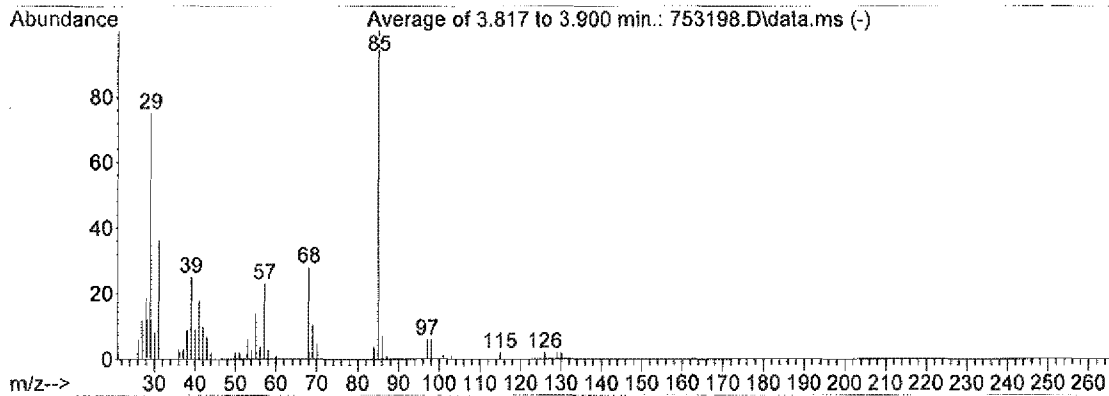
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753198.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	3.84	C:\Database\PMW_TOX2.L		
		Mefruside -SO2NH	000000-00-0	2
		Mefruside ME	000000-00-0	1
		Mefruside 2ME	000000-00-0	1



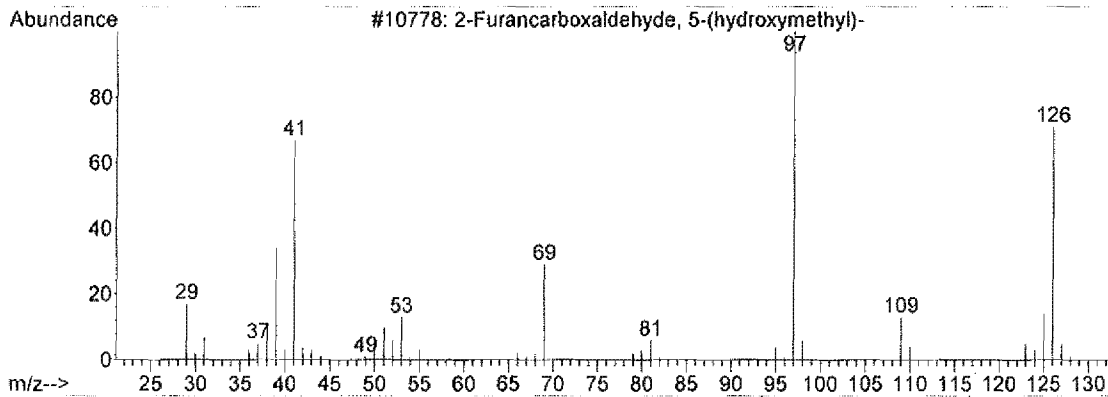
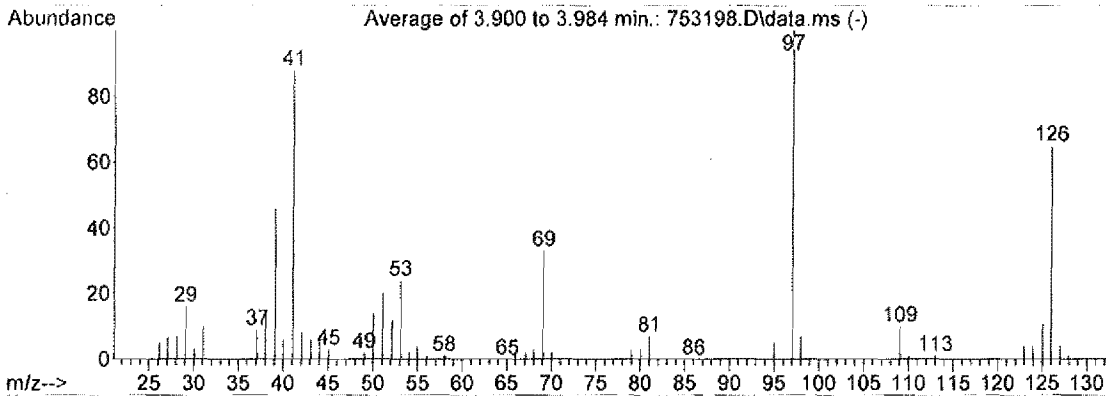
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753198.D
 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
6	3.92	C:\Database\NIST05a.L		
		2-Furancarboxaldehyde, 5-(hydroxyme	000067-47-0	90
		2-Furancarboxaldehyde, 5-(hydroxyme	000067-47-0	76
		Benzenemethanol, 3-fluoro-	000456-47-3	35



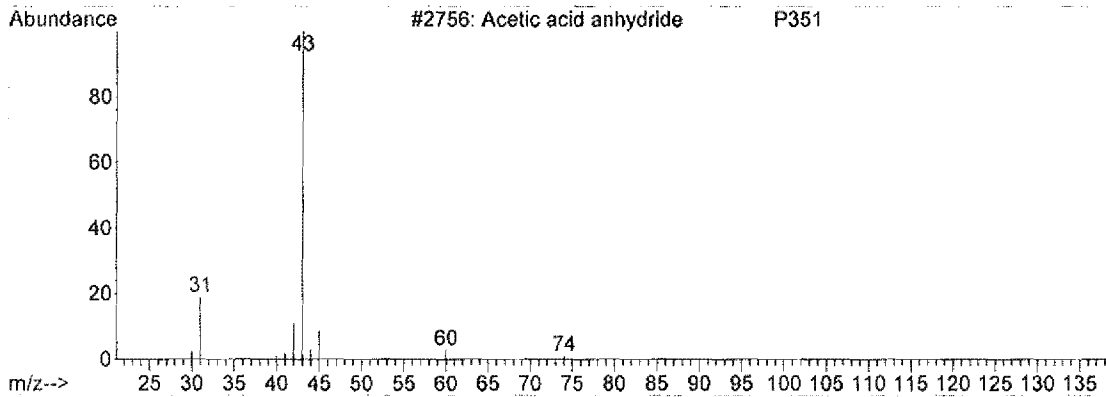
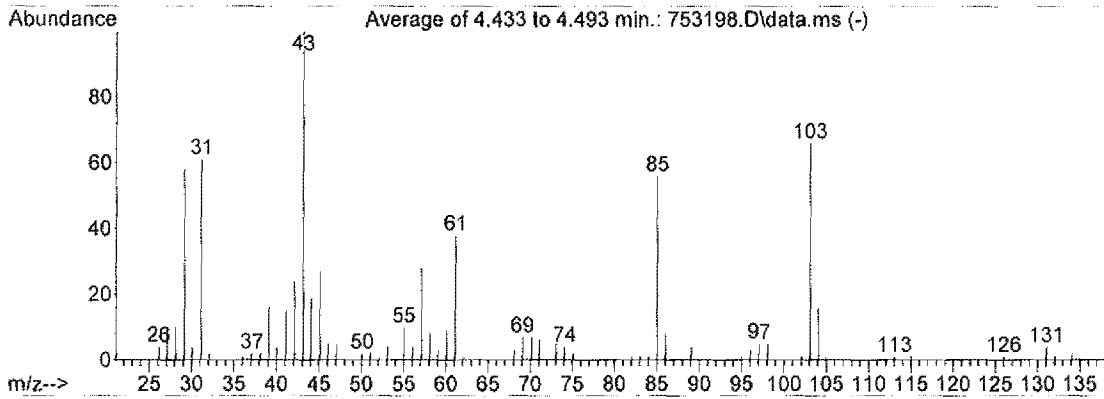
Area Percent / Library Search Report

Information from Data File:

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 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
7	4.46	C:\Database\PMW_TOX2.L		
		Acetic acid anhydride	000108-24-7	9
		Nifenalol artifact	000000-00-0	2
		Mefruside -SO2NH	000000-00-0	2



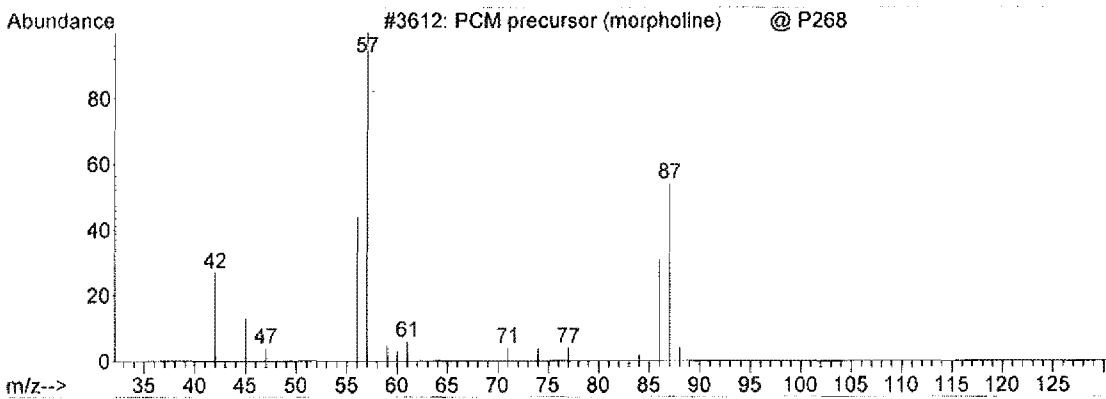
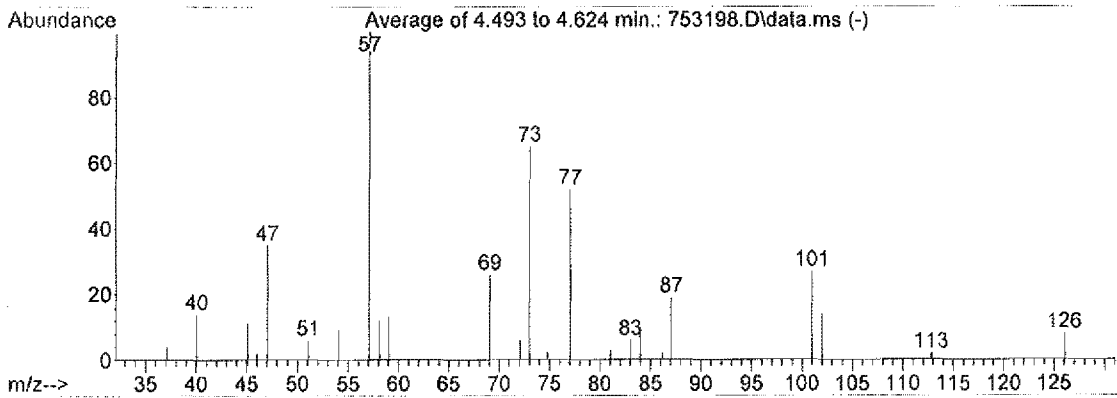
Area Percent / Library Search Report

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 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
8	4.51	C:\Database\PMW_TOX2.L		
		PCM precursor (morpholine)	@ 000110-91-8	2
		Valproic acid	000099-66-1	1
		Norephedrine	@ 000492-41-1	1



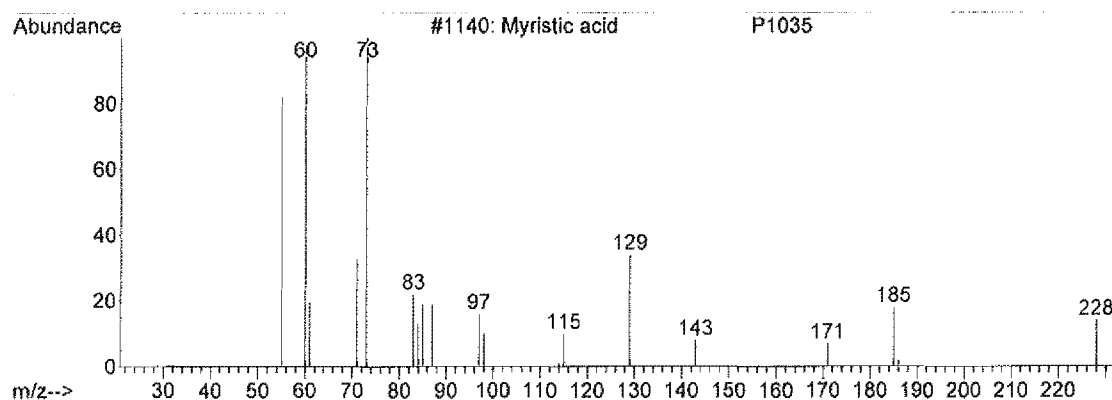
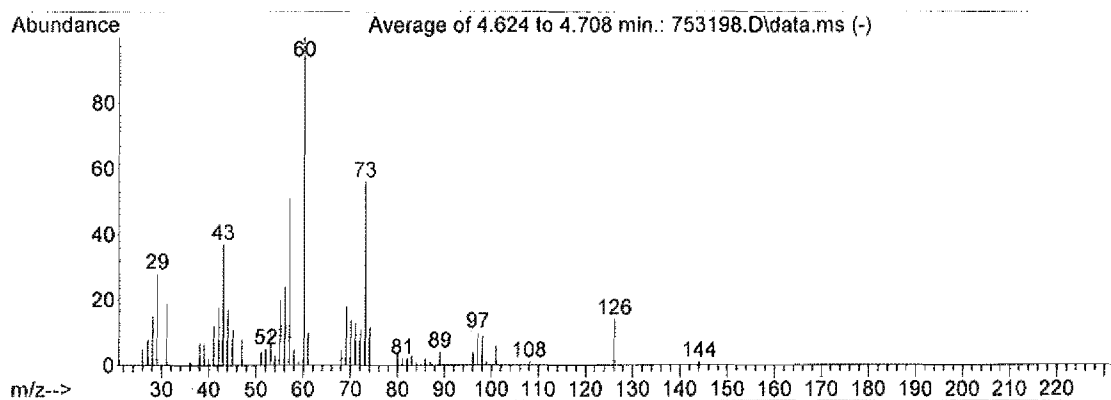
Area Percent / Library Search Report

Information from Data File:

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 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
9	4.67	C:\Database\PMW_TOX2.L		
		Myristic acid	000544-63-8	4
		Cyclamate-M AC	001124-53-4	1



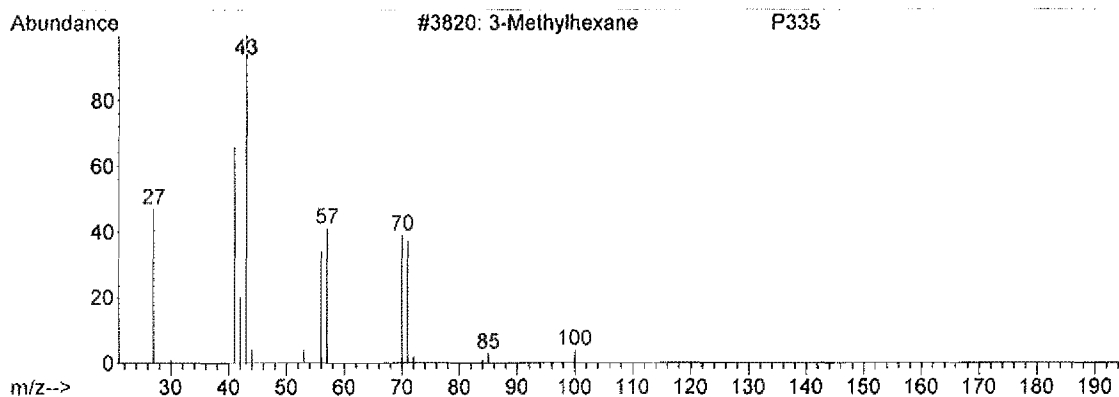
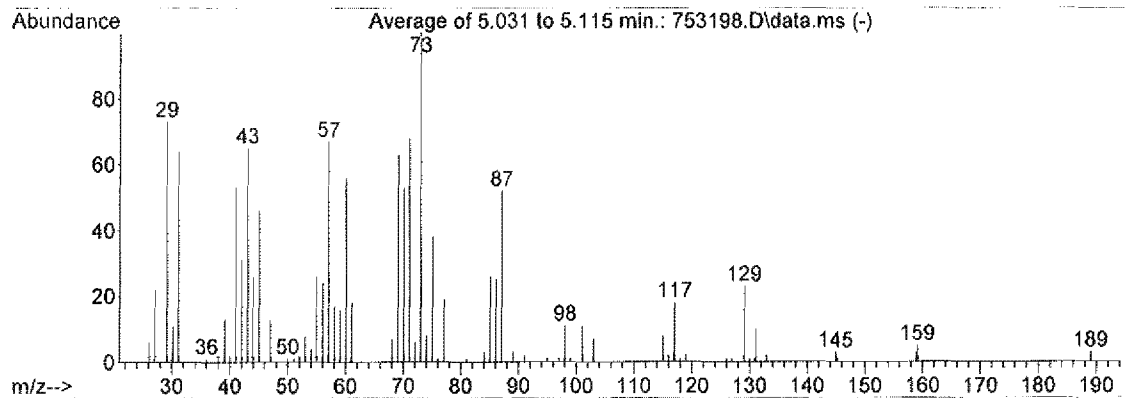
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
10	5.08	C:\Database\PMW_TOX2.L		
		3-Methylhexane	000589-34-4	10
		Octane	000111-65-9	9
		Chloralose artifact	000000-00-0	9



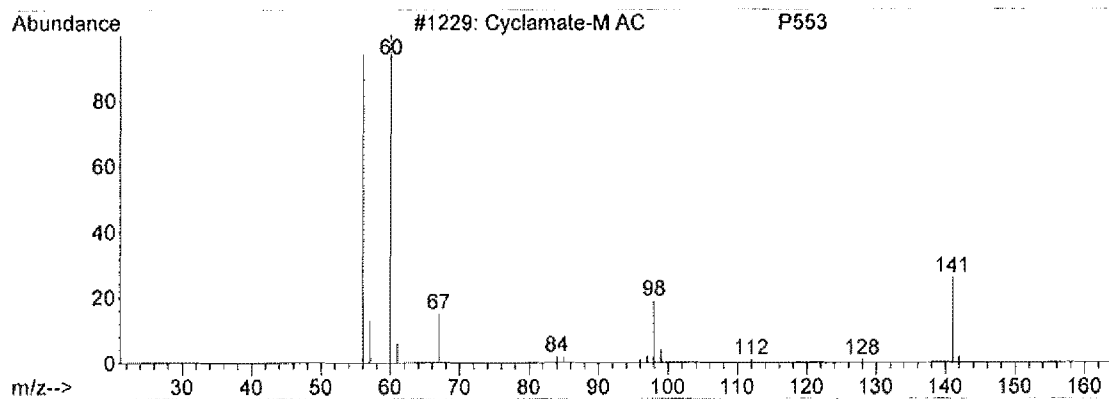
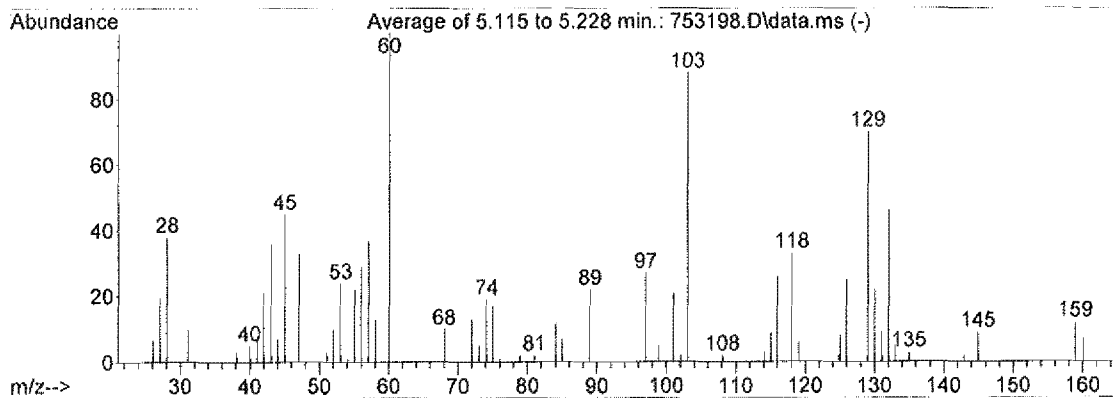
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
11	5.14	C:\Database\PMW_TOX2.L Cyclamate-M AC	001124-53-4	1



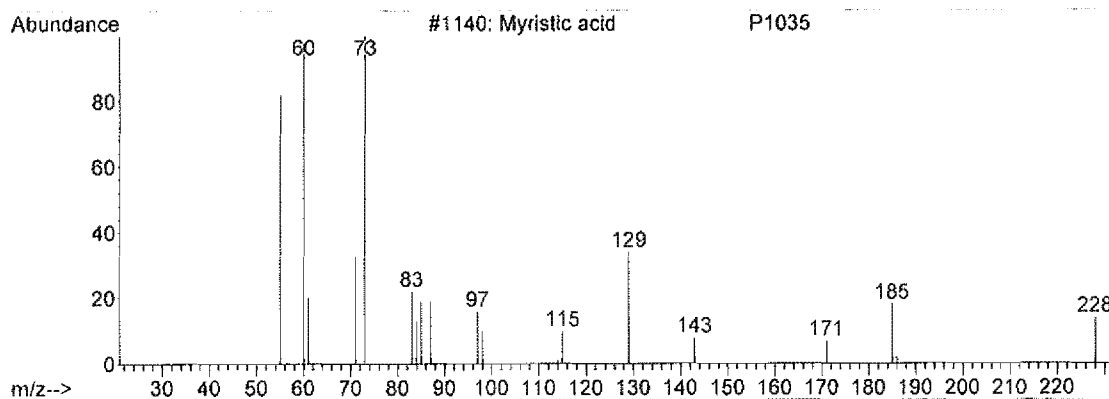
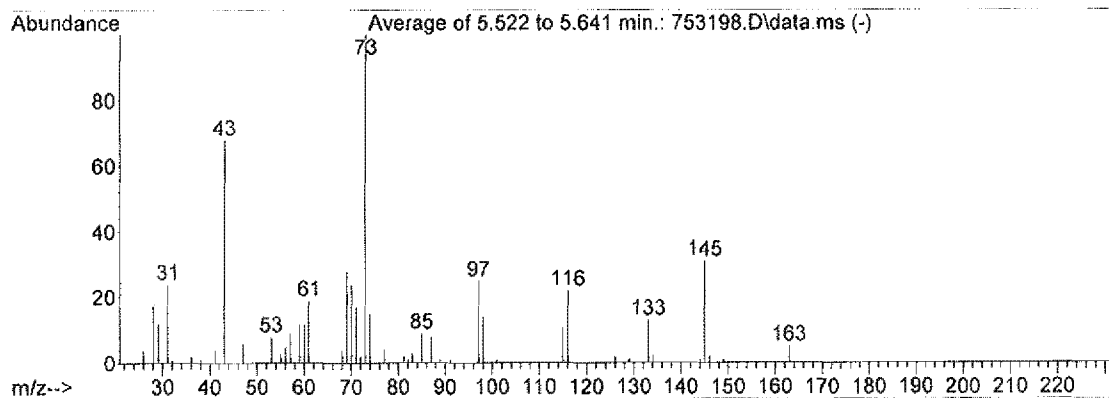
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
12	5.55	C:\Database\PMW_TOX2.L		
		Myristic acid	000544-63-8	2
		Ethylacetate	@ 000141-78-6	1



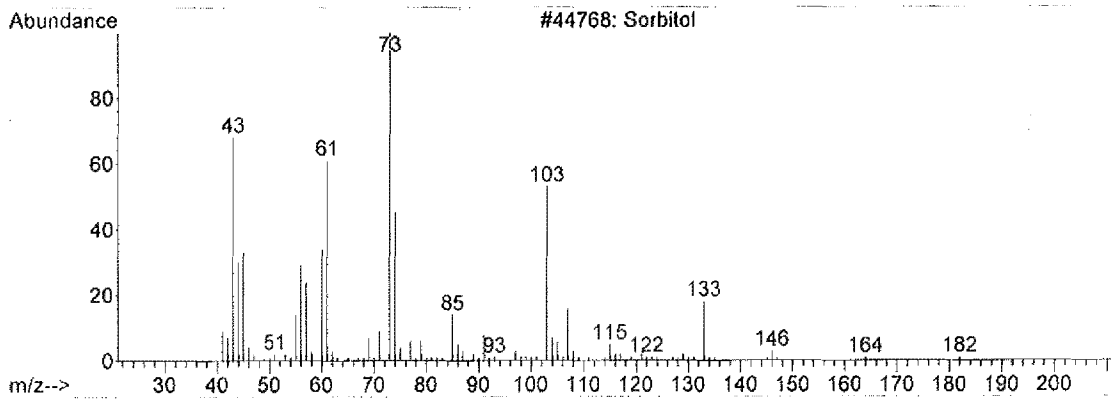
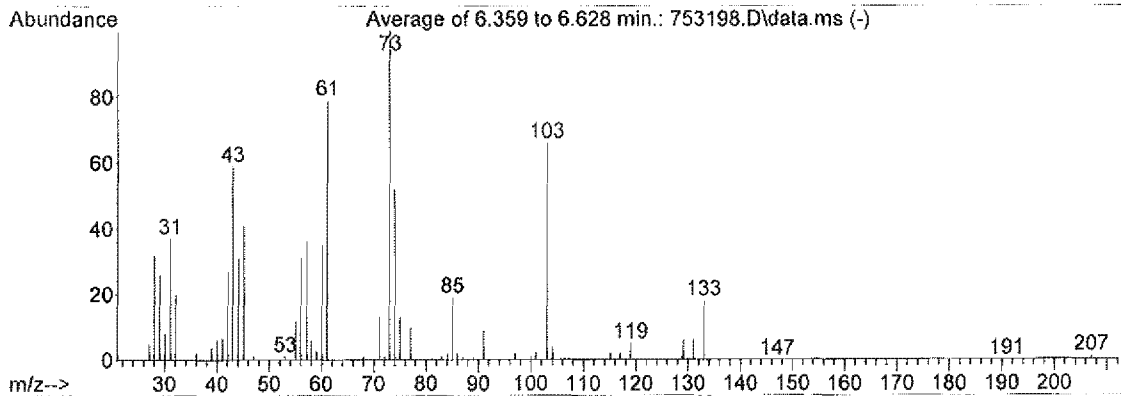
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
13	6.62	C:\Database\NIST05a.L		
		Sorbitol	000050-70-4	90
		Sorbitol	000050-70-4	83
		Glucitol	026566-34-7	83



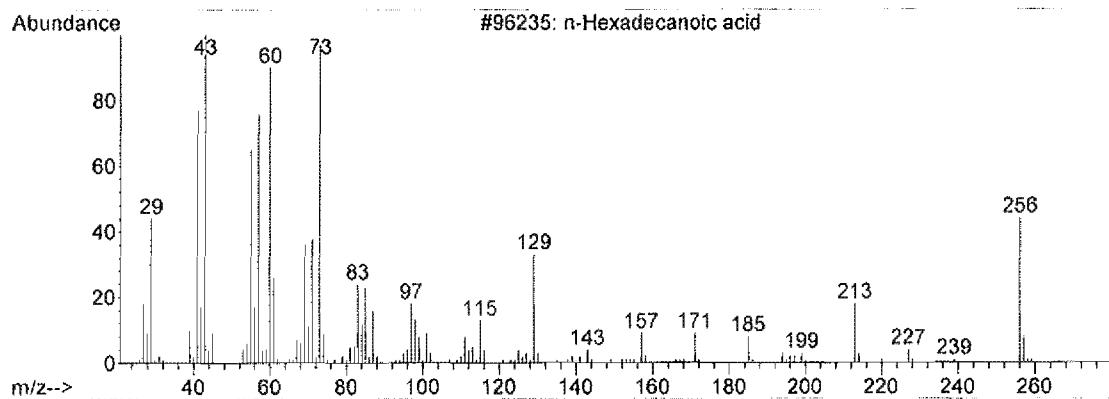
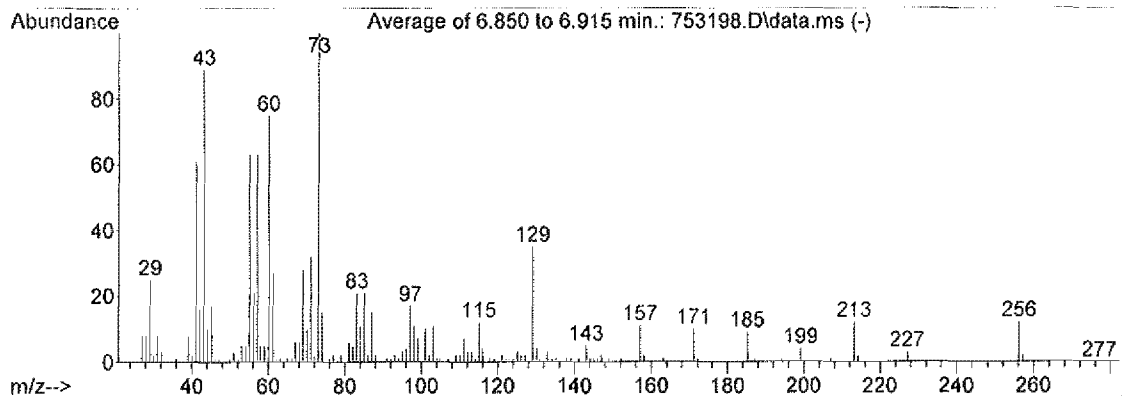
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
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 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
14	6.88	C:\Database\NIST05a.L		
		n-Hexadecanoic acid	000057-10-3	98
		n-Hexadecanoic acid	000057-10-3	98
		n-Hexadecanoic acid	000057-10-3	95



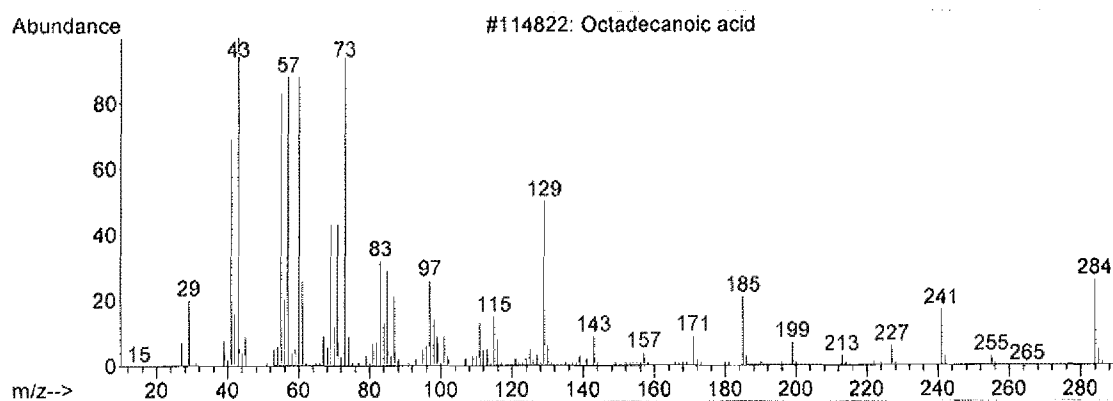
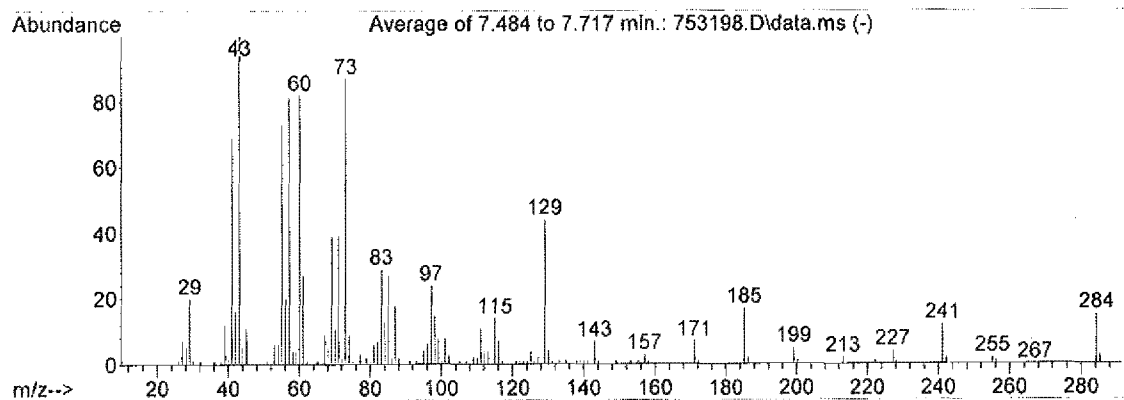
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
15	7.52	C:\Database\NIST05a.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96
		Octadecanoic acid	000057-11-4	95



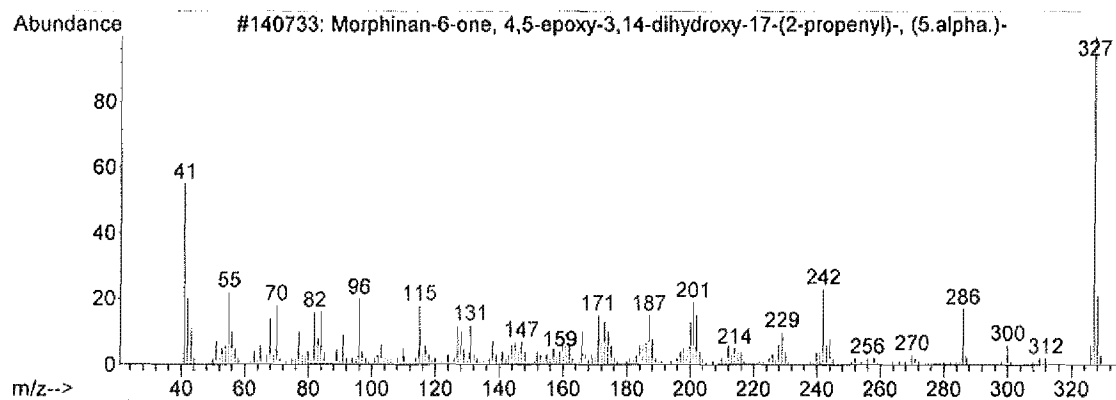
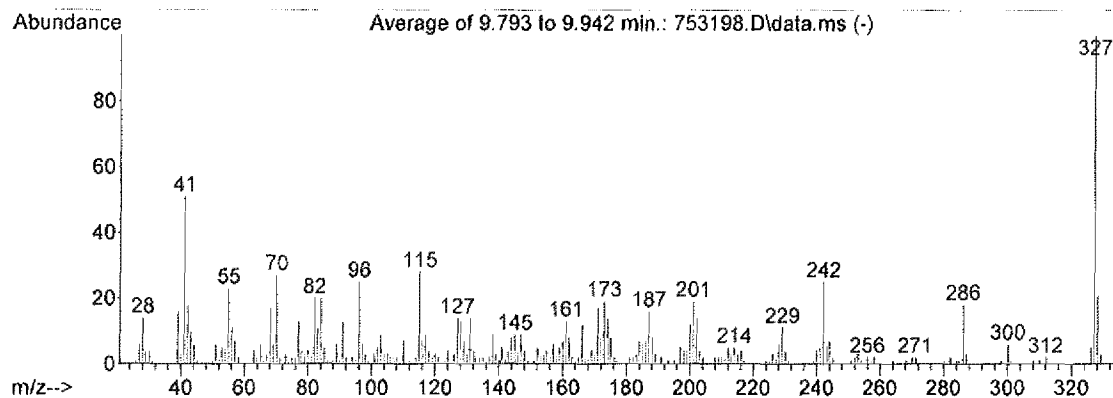
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
 Date Acquired : 6 Nov 2010 8:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
16	9.84	C:\Database\NIST05a.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	98
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	93



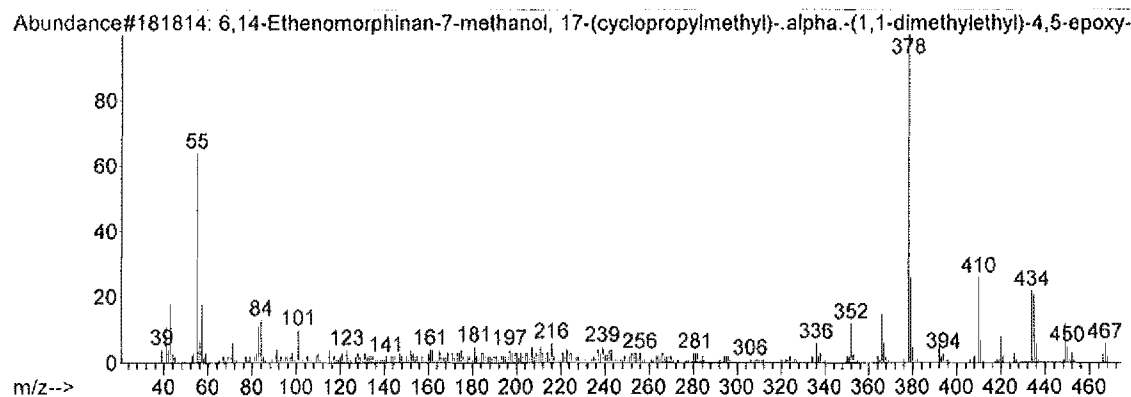
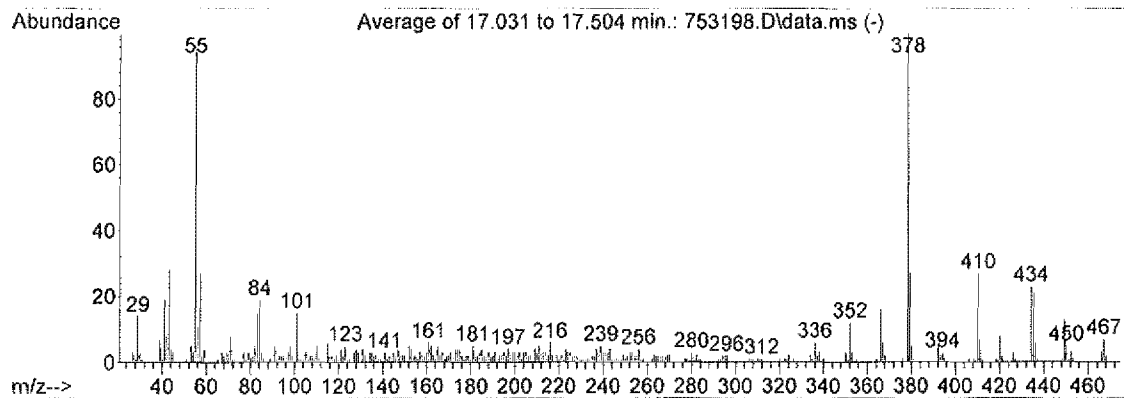
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
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 Sample Name : XXXXXXXXXX
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 Vial Number : 98
 AcquisitionMeth: WSCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

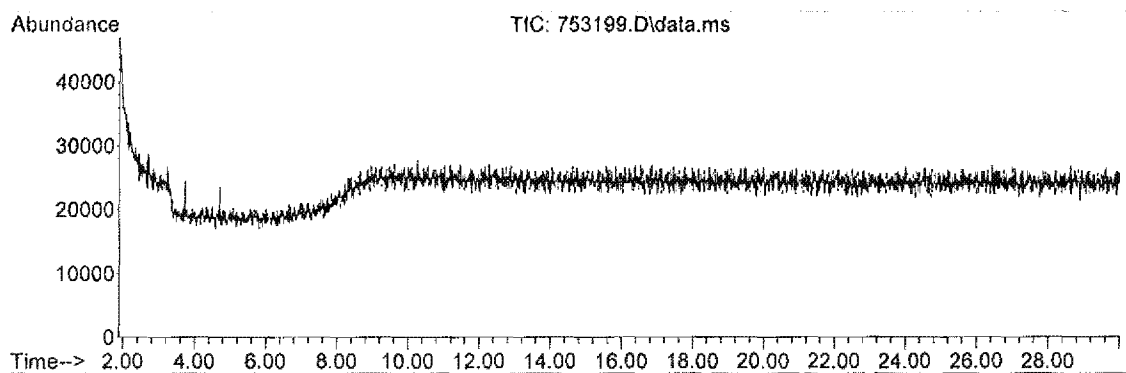
PK#	RT	Library/ID	CAS#	Qual
17	17.22	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	96
		Anthiaergosta-5,7,9,22-tetraene	107116-78-9	50



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\753199.D
Operator : DJR
Date Acquired : 6 Nov 2010 8:47
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: WSCREEN
Integrator : RTE



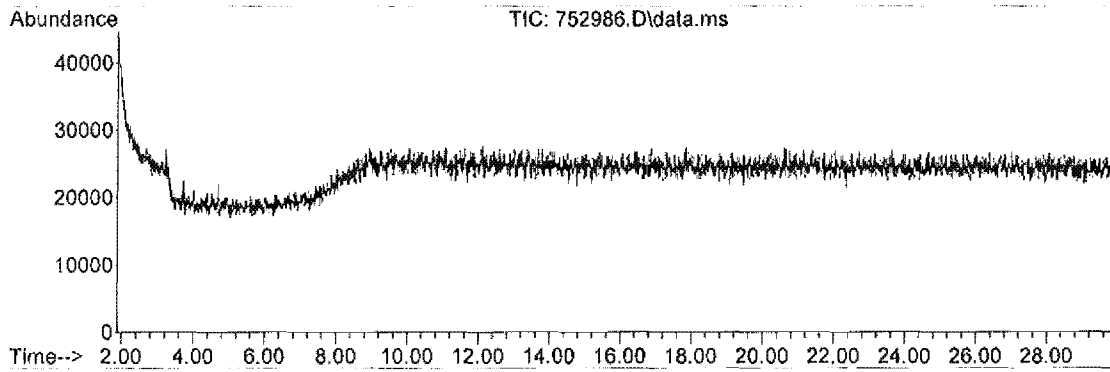
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\752986.D
Operator : DJR
Date Acquired : 6 Nov 2010 12:49
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN
Integrator : RTE

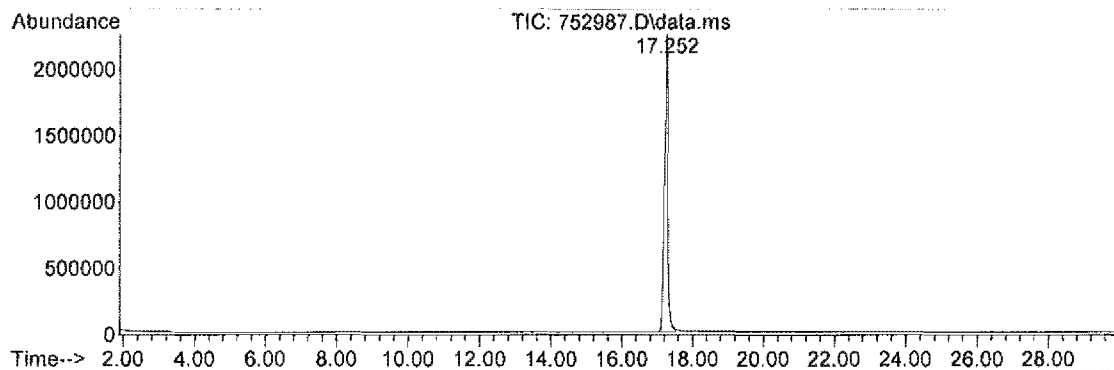


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\752987.D
Operator : DJR
Date Acquired : 6 Nov 2010 13:23
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 95
AcquisitionMeth: WSCREEN
Integrator : RTE



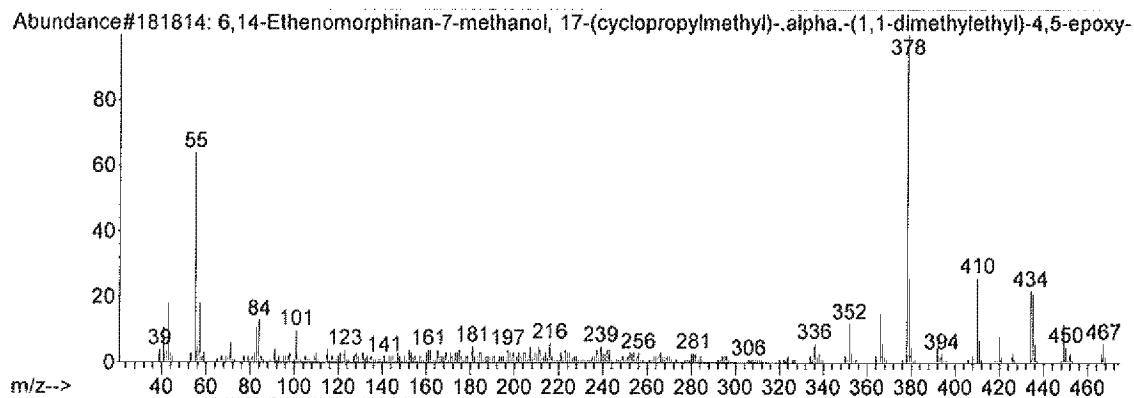
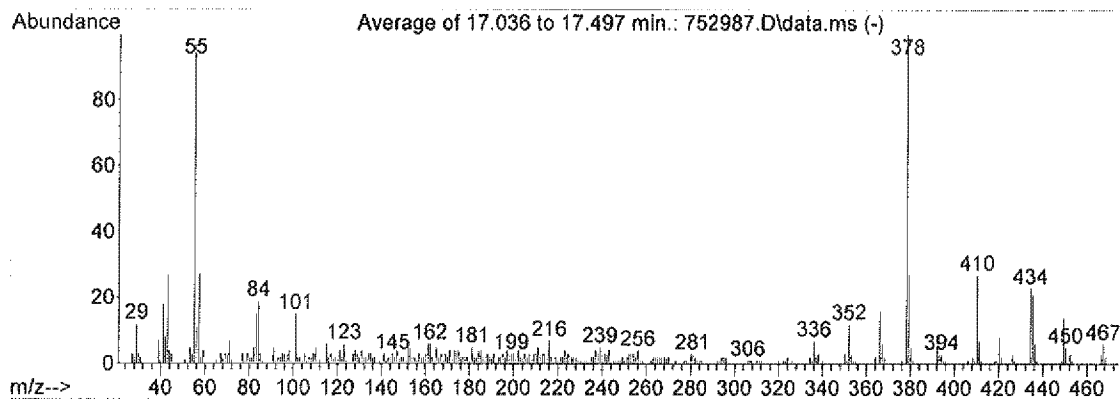
Ret. Time	Area	Area %	Ratio %
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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\752987.D
Operator : DJR
Date Acquired : 6 Nov 2010 13:23
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 95
AcquisitionMeth: WSCREEN
Integrator : RTE

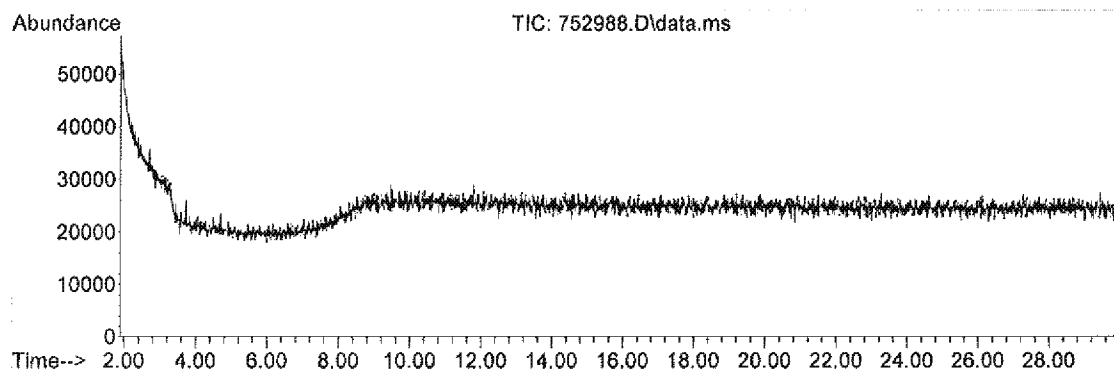
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	17.25	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	96
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	70



Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_05_10\752988.D
Operator : DJR
Date Acquired : 6 Nov 2010 13:57
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS